L Number	Hits	Search Text	DB	Time stamp
-	106	"carter, charles".in.	USPAT;	2003/12/08 12:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
<b> </b> -	0	"carter, charles h.".in.	USPAT;	2003/12/08 12:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	8	"carter, charles".in. and pink	USPAT;	2003/12/08 12:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	197	381/59.ccls.	USPAT;	2003/12/08 14:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	22	381/59.ccls. and (random pink)	USPAT;	2003/12/09 10:48
			US-PGPUB;	
			EPO; JPO;	
	05	700/111	DERWENT	0007/10/00 10 50
-	25	702/111.ccls.	USPAT;	2003/12/08 12:59
			US-PGPUB;	
			EPO; JPO;	
	17	700/111 ada and (mandamanink)	DERWENT	2007/12/00 17 50
] -	17	702/111.ccls. and (random pink)	USPAT; US-PGPUB;	2003/12/08 13:59
			EPO; JPO;	
1			DERWENT	
	49	pink adj noise and internal and external and speaker	USPAT;	2003/12/08 13:02
[ -	77	pink auj noise and internal and external and speaker	US-PGPUB;	2003/12/06 13:02
			EPO; JPO;	
			DERWENT	
_	50	pink adj noise and internal and external and speaker	USPAT;	2003/12/08 13:02
	. 30	print day noise and internal and external and speaker	US-PGPUB;	2003/12/00 13:02
			EPO; JPO;	
		· ·	DERWENT	
_	1	pink adj noise and internal with external with speaker	USPAT;	2003/12/08 13:03
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	3	pink adj noise and internal with speaker and external with	USPAT;	2003/12/08 13:08
		speaker	US-PGPUB;	
	÷		EPO; JPO;	
			DERWENT	
-	10	pink adj noise and external with speaker	USPAT;	2003/12/08 13:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	7	(pink adj noise and external with speaker) not (pink adj noise	USPAT;	2003/12/08 13:08
		and internal with speaker and external with speaker)	US-PGPUB;	
			EPO; JPO;	
	_	/07F04/ UDDN	DERWENT	0007/10/00 17 17
-	2	6035046.URPN.	USPAT	2003/12/08 13:13
-	6		USPAT	2003/12/08 13:19
	ا م	"5524060"   "5890074").PN.	LICDAT	2007/12/00 17 51
-	9	("3725585"   "4525856"   "4571461"   "4715063"   "4796287"   "4887288"   "4901346"   "4959857"	USPAT	2003/12/08 13:51
		4790267		
	18	1 4979103 ).FN. 4571461.URPN.	USPAT	2003/12/08 13:53
	9	4715062.URPN.	USPAT	2003/12/08 13:56
L	7	II I J J J J J J J J J J J J J J J J J	usi A i	2003/12/00 13:30

-	50	324/601.ccls. and (random pink)	USPAT;	2003/12/08 13:59
			US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	
-	8	(324/601.ccls. and (random pink)) and telephone	USPAT;	2003/12/08 14:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	50	381/59.ccls. and external	USPAT;	2003/12/08 14:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	16	381/59.ccls. and external with \$4speaker	USPAT;	2003/12/08 14:02
		, opposite	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	16	381/59.ccls. and external with \$4speaker	USPAT;	2003/12/08 14:08
-	10	301/37.ccis. and external with \$4speaker	US-PGPUB;	2003/12/06 14:06
	1			
	]		EPO; JPO;	
	707	701/50	DERWENT	0007/10/00 14 00
-	393	381/58.ccls.	USPAT;	2003/12/08 14:08
-		·	US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	
-	12	381/58.ccls. and external with \$4speaker	USPAT;	2003/12/08 14:08
			US-PGPUB;	
	]		EPO; JPO;	
			DERWENT	
-	11	381/59.ccls. and pink	USPAT;	2003/12/09 10:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	11	381/58.ccls. and pink	USPAT;	2003/12/09 14:50
		<b>.</b>	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	19	4118601.URPN.	USPAT	2003/12/09 10:52
_	13	455/\$.ccls. and pink adj noise	USPAT;	2003/12/09 13:29
		The state of the s	US-PGPUB;	2003/12/07 13:27
		•	EPO; JPO;	
			DERWENT	
_	126	340/870.04.ccis.	USPAT;	2003/12/09 11:02
	120	5 107 07 0.0 I.CCIS.	US-PGPUB;	2003/12/07 11:02
			EPO; JPO;	
			DERWENT	
	17	740/970 04 cele and (nink random)		2007/12/00 11:10
1 -	17	340/870.04.ccls. and (pink random)	USPAT;	2003/12/09 11:10
			US-PGPUB;	
			EPO; JPO;	
	70	(astheless 4) (# Automa) and a site of the control	DERWENT	0007/10/00 11 11
-	72	(cellular adj (\$4phone) radio adj telephone) with calibrat\$3	USPAT;	2003/12/09 11:11
			US-PGPUB;	
			EPO; JPO;	
	[		DERWENT	
-	72	(cellular adj (\$4phone) radio adj telephone) with calibrat\$3	USPAT;	2003/12/09 11:12
			US-PGPUB;	
]			EPO; JPO;	
1			DERWENT	
-	15	("3786200"   "4019150"   "4051325"   "4119797"	USPAT	2003/12/09 11:22
		"4955055"   "5095541"   "5130665"   "5152004"		
		"5189704"   "5212722"   "5230089"   "5313661"		
		"5337006"   "5388152"   "5410265").PN.		
				L

"4955055"   "5095541"   "5130665"   "5152004"   "5189704"   "5212722"   "5230089"   "5313661"   "5337006"   "5388152"   "5410265").PN. and pink   "3786200"   "4019150"   "4051325"   "4119797"   "4955055"   "5095541"   "5130665"   "5152004"   "5189704"   "5212722"   "5230089"   "5313661"   "5337006"   "5388152"   "5410265").PN. and random   candom   c	2003/12/09 11:22 2003/12/09 11:22
"5337006"   "5388152"   "5410265").PN. and pink   ("3786200"   "4019150"   "4051325"   "4119797"   USPAT   2   "4955055"   "5095541"   "5130665"   "5152004"   "5189704"   "5212722"   "5230089"   "5313661"   "5337006"   "5388152"   "5410265").PN. and random   candom   can	2003/12/09 11:22
"5337006"   "5388152"   "5410265").PN. and pink   ("3786200"   "4019150"   "4051325"   "4119797"   USPAT   2   "4955055"   "5095541"   "5130665"   "5152004"   "5189704"   "5212722"   "5230089"   "5313661"   "5337006"   "5388152"   "5410265").PN. and random   candom   can	2003/12/09 11:22
- 1 ("3786200"   "4019150"   "4051325"   "4119797"   USPAT   2   1   "4955055"   "5095541"   "5130665"   "5152004"   "5189704"   "5212722"   "5230089"   "5313661"   "5337006"   "5388152"   "5410265").PN. and random   6   5852769.URPN.   USPAT   2	2003/12/09 11:22
"5189704"   "5212722"   "5230089"   "5313661"     "5337006"   "5388152"   "5410265").PN. and random   6 5852769.URPN. USPAT   2	
"5337006"   "5388152"   "5410265").PN. and random	
random 6 5852769.URPN. USPAT 2	
- 6 5852769.URPN. USPAT 2	
1	2003/12/09 11:23
	2003/12/09 11:26
"5381148"   "5731992"   "5732331"   "5777341"	
"5832079"   "5852769"   "5890057"   "5890072"	
"5994770"   "6091938"   "6091964").PN.	0007/10/00 11 07
	2003/12/09 11:27 2003/12/09 11:35
"5249199").PN.	2003/12/09 11:33
	2003/12/09 11:37
	2003/12/09 11:41
"6141540"   "6163610"   "6233462"   "6252968"	2000/12/07 11:11
"6278786").PN.	
	2003/12/09 13:08
- 9 ("5790671"   "5881103"   "6011853"   "6052464"   USPAT   2	2003/12/09 13:09
"6141540"   "6163610"   "6233462"   "6252968"	
"6278786").PN.	
	2003/12/09 13:09
	2003/12/09 13:10
"5249199").PN.	
	2003/12/09 13:19
	2003/12/09 13:20
	2003/12/09 13:23
"5381148"   "5731992"   "5732331"   "5777341"   "5832079"   "5852769"   "5890057"   "5890072"	
3832079   3832789   3890037   3890072	
	2003/12/09 13:26
"5172417"   "5285165"   "5406635"   "5450442"	2003/12/07 13.20
"5481615"   "5509081"   "5606550"   "5680468"	
"5696819"   "5708722").PN.	
	2003/12/09 13:27
"5172417"   "5285165"   "5406635"   "5450442"	
"5481615"   "5509081"   "5606550"   "5680468"	
"5696819"   "5708722").PN. and (pink random)	
	2003/12/09 14:03
US-PGPUB;	
EPO; JPO;	
DERWENT   DERWENT	0007/10/00 17 45
	2003/12/09 13:45
	2003/12/09 13:47
	2003/12/09 13:47
US-PGPUB;	2003/12/09 14:04
EPO; JPO;	
DERWENT	
	2003/12/09 14:03
adj noise)	
EPO; JPO;	i
DERWENT	
	2003/12/09 14:04
adj noise)) and calibrat\$3 US-PGPUB;	
EPO; JPO;	
DERWENT	

-	73	( ( )	USPAT;	2003/12/09 14:08
		pink adj noise)) and calibrat\$3) and \$4speaker and	US-PGPUB;	
		microphone	EPO; JPO;	
			DERWENT	
-	220	pseudo adj random and DSP and speaker	USPAT;	2003/12/09 14:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	8	DSP with pink adj noise	USPAT;	2003/12/09 14:13
		Jos. War plint day noise	US-PGPUB;	
	†		EPO; JPO;	
			DERWENT	
	_	DCD with manual and manualm		2003/12/09 14:13
-	0	DSP with pseudo adj randm	USPAT;	2003/12/09 14:13
1	İ		US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
-	39	DSP with pseudo adj random	USPAT;	2003/12/09 14:16
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	4300	self adj calibrat\$3	USPAT;	2003/12/09 14:16
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	55	(self adj calibrat\$3) and pseudo adj random	USPAT;	2003/12/09 14:17
<del>-</del>	33	(sell adj calibrat\$3) alid pseudo adj ralidolli		2003/12/09 14:17
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT	
-	73	(self adj calibrat\$3) and (pseudo adj random pink)	USPAT;	2003/12/09 14:23
ì			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	26	(381/58.ccls. 381/59.ccls.) and (pseudo adj random pink)	USPAT;	2003/12/09 16:40
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	19	4118601.URPN.	USPAT	2003/12/09 14:25
_	8	4694498.URPN.	USPAT	2003/12/09 14:29
_	6	("4823391"   "5187741"   "5361381"   "5386478"	USPAT	2003/12/09 14:37
		"5524060"   "5890074").PN.	d3i7ti	2003/12/07 11.37
		("3207848"   "3732370"   "4340780"   "4458362"	USPAT	2003/12/09 14:40
1-	5		usr 🗸 I	2003/12/07 14:40
	10	"4610024").PN.	LICDAT	2007/12/00 15 10
-	18	automatic\$4 adj calibrat\$3 and (pink pseudo adj randon)	USPAT;	2003/12/09 15:18
1			US-PGPUB;	
1			EPO; JPO;	
1			DERWENT	
-	10	calibrat\$3 same \$4speaker same (communications adj device	USPAT;	2003/12/09 18:32
		radio adj telephone cellular)	US-PGPUB;	
1			EPO; JPO;	
i			DERWENT	
-	14	381/93.ccls. and (communications adj device radio adj	USPAT;	2003/12/09 15:24
		telephone cellular)	US-PGPUB;	
	}	,	EPO; JPO;	
			DERWENT	
_	30340	381/\$.ccls.	USPAT;	2003/12/09 15:24
	30370	JO 17 #16Cl3.	US-PGPUB;	2003/12/07 13:24
	†			
	1		EPO; JPO;	
		(8770/0008   840404508   840547058   8444055	DERWENT	0007/10/05 :: 55
-	15	("3786200"   "4019150"   "4051325"   "4119797"	USPAT	2003/12/09 16:20
		"4955055"   "5095541"   "5130665"   "5152004"		
1		"5189704"   "5212722"   "5230089"   "5313661"		
		"5337006"   "5388152"   "5410265").PN.		
	<del></del>	77.7.21.70 DM Page 4	<b></b>	·

Search History 12/11/03 3:21:30 PM Page 4

-	1454	calibrat\$3 same (DSP digital adj signal adj process\$3)	USPAT;	2003/12/09 16:39
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT	
	41	(calibrat\$3 same (DSP digital adj signal adj process\$3)) and	USPAT;	2003/12/09 16:24
-	1	381/\$.ccls.	US-PGPUB;	2003/12/07 10:21
		301/\$.ccis.		
			EPO; JPO;	
			DERWENT	
-	65	(381/58.ccls. 381/59.ccls.) and (pseudo random pink)	USPAT;	2003/12/09 17:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	ŀ
_	2	("3624298"   "3256391").PN.	USPAT	2003/12/09 16:43
	6	4602134.URPN.	USPAT	2003/12/09 17:25
-	_	1		
-	8	("4415778"   "4554410"   "4602134"   "5504800"	USPAT	2003/12/09 17:26
		"5539803"   "5644618"   "5903626"		
		"5910977").PN.		
-	19	4554410.URPN.	USPAT	2003/12/09 17:29
-	54	(381/56.ccls.) and (pseudo random pink)	USPAT;	2003/12/09 18:10
		(2	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
ļ.	10	4110/01 11001	1	2007/12/00 17 42
-		4118601.URPN.	USPAT	2003/12/09 17:42
-	9		USPAT	2003/12/09 17:44
-	0	5949886.URPN.	USPAT	2003/12/09 17:46
-	8	("4773094"   "4829578"   "4993060"   "5036538"	USPAT	2003/12/09 17:47
		"5291558"   "5610988"   "5640450"		
		"5715310").PN.		
	85	379/27.03.ccls.	USPAT;	2003/12/09 18:09
-	0.5	377727.03.ccis.	US-PGPUB;	2003/12/07 18.07
			,	
ŀ			EPO; JPO;	
			DERWENT	
-	6	("5577097"   "5802169"   "5815568"   "5881130"	USPAT	2003/12/09 18:04
		("5577097"   "5802169"   "5815568"   "5881130"   "5917853"   "6058162").PN.		ļ
1 -	1176	340/501.ccls. 340/514.ccls.	USPAT;	2003/12/09 18:09
ŀ			US-PGPUB;	
į			EPO; JPO;	
			DERWENT	
	100	(740/F01 -d- 740/F14 -d-)		0007/10/00 10 10
-	102	(340/501.ccls. 340/514.ccls.) and (pseudo random pink)	USPAT;	2003/12/09 18:10
:			US-PGPUB;	
	1		EPO; JPO;	
	1		DERWENT	
-	25	(340/501.ccls. 340/514.ccls.) and (pseudo random pink)	USPAT;	2003/12/09 18:12
	1	and telephone	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT	
	47454	(neoudo random nink) and talanhana		2007/12/00 10 10
-	47654	(pseudo random pink) and telephone	USPAT;	2003/12/09 18:12
1			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	601	(pink) and telephone	USPAT;	2003/12/09 18:13
		-	US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
	140	((pink) and telephone) and microphone and \$speaker	1	2003/12/09 18:32
1-	140	((pink) and telephone) and inicrophone and pspeaker	USPAT;	2003/12/09 10:32
	İ		US-PGPUB;	
			EPO; JPO;	
	1		DERWENT	
-	13	("3637954"   "4071704"   "4180709"   "4273970"	USPAT	2003/12/09 18:20
		"4788708"   "4807274"   "4862492"   "4879738"		
1		"4887288"   "4937850"   "5073919"   "5226086"		
1		"5734713").PN.		
1	}	3,3,7,13 /	<u> </u>	

16			11470047011N1	HCD'A T	0007/10/00 10 07
200 ("3688097"   "4181970"   "4648108"   "4715063"   USPAT   2003/12/09 18:26   "4740108"   "4790287"   "48982788"   "4901346"   "5292162"   "5292162"   "5291632"   "5187741"   "52921451"   "5233342"   "5343322"   "5345342"   "5345342"   "5345342"   "5345342"   "5495529"   USPAT; USPGPUB, EPO, JPO, DERWENT   USPAT, USPAT, USPGPUB, EPO, JPO, DERWENT   USPAT, USPAT, USPGPUB, EPO, JPO, DERWENT   USPAT, USPAT, USPAT, USPAT, USPAT, USPAT, USPAT, USPAT, USPAT, U			"4608462".PN.	USPAT	2003/12/09 18:23
"4741018"   "4796287"   "4887288"   "4901346"   "4959857"   "4979163"   "4993022"   "5007046"   "5029162"   "5187741"   "5224151"   "5239542"   "5515432").PN.     377   378	[				1
"4959857"   "4979163"   "4973022"   "5007046"   "5243142"   "534734"   "5495529"   "515432").PN.   "515432").PN.   "515432").PN.   "347544"   "5495529"   "515432").PN.   2003/12/10 19:46   2003/12/10 1	-	20		usi XI	2003/12/07 10:20
"50/2916/2"   "5187741"   "52/24151"   "52/39542"					
"5243742"   "5347544"   "5495529"	}				
*5515432").PN. 317 adi telephone cellular)  - 47 acoustic adj coupling same (communications adj device radio adj telephone cellular)  - 47 acoustic adj coupling same (communications adj device radio adj telephone cellular)  - 119 381/\$.ccls. and pink and \$4speaker  - 119 381/\$.ccls. and pink and \$4speaker  - 2 6035046.URPN 2 6035046.URPN 4694498.URPN 217 motorola.asn. and 381/\$.ccls 4 ("4611343"   "4631749"   "4679233"   USPAT;					
Communications adj device radio adj telephone cellular)					
- 47 acoustic adj coupling same (communications adj device radio adj telephone cellular)  - 119 381/\$.ccls. and pink and \$4speaker  - 2 6035046.URPN 2 6035046.URPN 3 4694498.URPN 217 motorola.asn. and 381/\$.ccls 4 ("4611343"   "4631749"   "4679233"   USPAT U	_	317		USPAT;	2003/12/09 18:32
- 47 acoustic adj coupling same (communications adj device radio adj telephone cellular)  - 119 381/\$.ccls. and pink and \$4speaker  - 12 6035046.URPN 2 6035046.URPN 2 17 motorola.asn. and 381/\$.ccls.  - 4 ("4611343"   "4631749"   "4679233"   USPAT USPA			adj telephone cellular)		
- 47 acoustic adj coupling same (communications adj device radio adj telephone cellular)  - 119 381/\$.ccis. and pink and \$4speaker  119 381/\$.ccis. and pink and \$4speaker  2 6035046.URPN. 2 6035046.URPN. 3 64694498.URPN. 2 17 motorola.asn. and 381/\$.ccis.  4 ("4611343"   "4631749"   "4679233"   USPAT; USPAT USPAT; USPAT					
adj telephone cellular)  adj telephone cellular)  381/\$.ccls. and pink and \$4speaker  119  381/\$.ccls. and pink and \$4speaker  26035046.URPN. 26044498.URPN. 384694498.URPN. 387; 397; 3903/12/10 09:52 2003/12/10 09:52 2003/12/10 09:52 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:40 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:35 2003/12/10 10:36 2003/12/10 10:40 2003/12/10 10:41					
Section   Sect	-	47			2003/12/10 09:46
119   381/\$.ccls. and pink and \$4speaker   DERWENT USPAT; USPAT			adj telephone cellular)		
. 119 381/\$.ccis. and pink and \$4speaker					
US-PGPUB; EPO; JPO; DERWENT USPAT 2003/12/10 09:52 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:35 USPAT 2003/12/10 10:35 USPAT 2003/12/10 10:35 USPAT 2003/12/10 10:35 USPAT 2003/12/10 10:35 USPAT 2003/12/10 10:37 USPAT 2003/12/10 10:37 USPAT 2003/12/10 10:37 USPAT 2003/12/10 10:37 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT 2003/12/10 10:40 USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT USPAT; USPAT USPAT USPAT; USPAT USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT USPAT; USPA		110	791/\$ cele and nink and \$4eneaker		2003/12/10 13:05
- 2 6035046.URPN.	-	117	3017 \$.ccis. and pink and \$4speaker		2003/12/10 13.03
DERWENT USPAT				,	
- 2 6035046_URPN.					
Section	_	2	6035046.URPN.		2003/12/10 09:52
USPGPUB; EPO; IPO; DERWENT USPAT   U	-	ſ		USPAT	2003/12/10 09:57
- 4 ("4611343"   "4631749"   "4679233"   EPO; JPO; DERWENT USPAT 2003/12/10 10:26 "5249199").PN 6 ("4667191"   "4977577"   "5003629"   "5109390"   USPAT 2003/12/10 10:35   USPAT 2003/12/10 10:36   "5146958"   "5148477").PN 4 ("4611343"   "4631749"   "4679233"   USPAT 2003/12/10 10:37 "5249199").PN 349 381/103.ccls 165 381/103.ccls. and \$4speaker USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPAT USPAT; USPAT USPAT; USPAT USPAT; USPAT USP	-	217	motorola.asn. and 381/\$.ccls.	USPAT;	2003/12/10 10:40
- 4 ("4611343"   "4631749"   "4679233"   USPAT   2003/12/10 10:26   5249199"),PN.   USPAT   2003/12/10 10:26   USPAT   2003/12/10 10:36   USPAT   USPAT   2003/12/10 10:36   USPAT   2003/12/10 10:36   USPAT   2003/12/10 10:37   USPAT   2003/12/10 10:37   USPAT   2003/12/10 10:37   USPAT   2003/12/10 10:40   USPAT					!
- 4 ("4611343"   "4631749"   "4679233"   USPAT   2003/12/10 10:26   "5249199").PN.   USPAT   2003/12/10 10:35   2299199").PN.   USPAT   2003/12/10 10:36   "5146958"   "5146958"   "5146977).PN.   USPAT   2003/12/10 10:36   "5146958"   "4631749"   "4679233"   USPAT   2003/12/10 10:37   2003/12/10 10:37   2003/12/10 10:37   2003/12/10 10:37   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:40   2003/12/10 10:41   2003/12/10 10					
- 6   "5249199").PN.					2227/12/12 12 24
- 6   5249199.URPN.   USPAT   USPAT   USPAT   2003/12/10 10:35   2003/12/10 10:36   USPAT   USPAT   USPAT   2003/12/10 10:36   USPAT   USPAT   USPAT   2003/12/10 10:36   USPAT   USPA	-	4		USPAT	2003/12/10 10:26
-   6		,		LICDAT	2007/12/10 10 75
	-	1			
- 4 ("4611343"   "4631749"   "4679233"   USPAT 2003/12/10 10:37 "5249199").PN.  381/103.ccls.	-	•		USFAT	2003/12/10 10:30
- 349 381/103.ccls. 2003/12/10 10:40  - 165 381/103.ccls. and \$4speaker USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT  USPAT; USPAT USPAT USPAT; U	_	4		USPAT	2003/12/10 10:37
- 165 381/103.ccls. and \$4speaker		1		45.71.	2000, 12, 10 10.0,
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT  USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPA	_	349		USPAT;	2003/12/10 10:40
- 165 381/103.ccls. and \$4speaker				US-PGPUB;	
- 165 381/103.ccls. and \$4speaker					
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT  USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAGPUB; EPO; JPO;				1	
- 48 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory)  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory)  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749"   USPAT 2003/12/10 12:32   USPAT 2003/12/10 12:46   USPAT 2003/12/10 12:58   USPAT 2003/12/10 12:58   USPAT 2003/12/10 12:58   USPAT 2003/12/10 13:01   USPAT 2003/12/10   USPAT 2003/1	-	165	381/103.ccls. and \$4speaker		2003/12/10 10:40
- 48 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory)  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749"   USPAT; USPAT; U					
- 48 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory)  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749" USPAT; USPAT; USPAT; USPGPUB; EPO; JPO;					
peripheral add-on accessory)    Description		10	(791/107 cels, and \$4 masker) and (external portable		2003/12/10 10:41
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT  USPAT; USP	-	70			2003/12/10 10.41
- 25 (381/103.ccls. and \$4speaker) and (external portable peripheral add-on accessory) same \$4speaker  - 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749"   "SPAT 2003/12/10 12:32   USPAT 2003/12/10 12:58   USPAT 2003/12/10 12:58   USPAT 2003/12/10 12:58   USPAT 2003/12/10 12:58   USPAT 2003/12/10 13:01   USPAT 2003/12/10 13:06   USP			peripricial add on accessory)		
peripheral add-on accessory) same \$4speaker    Description					
peripheral add-on accessory) same \$4speaker    Description of the peripheral add-on accessory) same \$4speaker   US-PGPUB; EPO; JPO; DERWENT   USPAT   USPAT; USP	-	25	(381/103.ccls. and \$4speaker) and (external portable	USPAT;	2003/12/10 15:43
- 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749" USPAT; USPAT	-			1	
- 11 5187741.URPN 3 5715309.URPN 9 ("4153815"   "4473906"   "4610024"   "4631749" USPAT; USPAT;					
- 3 5715309.URPN. 9 ("4153815"   "4473906"   "4610024"   "4631749"   USPAT USPAT   USPAT; USP				1	
- 9 ("4153815"   "4473906"   "4610024"   "4631749"   USPAT   2003/12/10 12:58   "4654871"   "4739513"   "4977600"   "5105377"   "5182774").PN 68 5333176.URPN 222 telephon\$3 and pink and \$4speaker   USPAT; USPAT; US-PGPUB; EPO; JPO;	-	I		1	
"4654871"   "4739513"   "4977600"   "5105377"     "5182774").PN.	-				
- 68 5333176.URPN 222 telephon\$3 and pink and \$4speaker USPAT; USPGPUB; EPO; JPO;	-	9		USPA I	2003/12/10 12:58
- 68 5333176.URPN. USPAT USPAT; USPAT; USPGPUB; EPO; JPO; USPGPUB;					
- 222 telephon\$3 and pink and \$4speaker USPAT; US-PGPUB; EPO; JPO;	_	0.4		LISPAT	2003/12/10 13:01
US-PGPUB; EPO; JPO;	].	1		•	1
EPO; JPO;			selephones and pink and a repeater		
				DERWENT	ļ

			•	
-	31	telephon\$3 and pink same generator and \$4speaker	USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:08
-	70	telephon\$3 and pink same generat\$3 and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:28
-	39	(telephon\$3 and pink same generat\$3 and \$4speaker) not (telephon\$3 and pink same generator and \$4speaker)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:08
-	114	telephon\$3 and pink same generat\$3	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:13
-	643	telephon\$3 and white same generat\$3 and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:29
-	5422	telephon\$3 and (white random noise) same generat\$3 and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:29
-	3825	telephon\$3 and (white random noise) same generat\$3 same (DSP digital signal processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:29
-	236	telephon\$3 and (white random noise) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:40
-	14	telephon\$3 and (white) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:36
	19	telephon\$3 and (white random adj noise) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:41
-	5	(telephon\$3 and (white random adj noise) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker) not (telephon\$3 and (white) same generat\$3 same (DSP	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:41
-	111	digital adj signal adj processor) and \$4speaker) telephon\$3 and (random) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:41
-	16	telephon\$3 and (pseudo adj random) same generat\$3 same (DSP digital adj signal adj processor) and \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:43
-	38	(pink white) with noise with (DSP digital adj signal adj processor)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/12/10 13:44
-	9	calibrat\$3 with (multiple plurality) near4 \$4speaker	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/10 14:56

-	24	calibrat\$3 and first adj \$speaker and second adj \$4speaker	USPAT; US-PGPUB;	2003/12/10 14:57
	!		EPO; JPO;	
			DERWENT	
	8	4694498.URPN.	USPAT	2003/12/10 15:17
_	14		USPAT	2003/12/10 15:18
-	1 1 1	"4809338"   "5377274"   "5386478"   "5555306"	431717	2003/12/10 13:10
		"5666424"   "5745583"   "5815580"   "6118875"		
		"6118880"   "6347148").PN.		
_	30		USPAT	2003/12/10 15:20
		"3746792"   "3836715"   "3864516"   "3883692"		
		"3883832"   "3885099"   "3943287"   "3944735"		
		"3969588"   "3982071"   "3989903"   "4054804"		
		"4704728"   "4891839"   "4932059"   "4941177"		
		"4953213"   "5027687"   "5028824"   "5073945"		
		"5136650"   "5172415"   "5216718"   "5263087"		
	ľ	"5428687"   "5504819").PN.		
-	8152	(external portable peripheral add-on accessory) with	USPAT;	2003/12/10 15:44
		\$4speaker and (telephon\$ communicat\$4)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	317		USPAT;	2003/12/10 15:44
		\$4speaker and (telephon\$ communicat\$4)) and calibrat\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	639	((external portable peripheral add-on accessory) with	USPAT;	2003/12/10 15:44
		\$4speaker and (telephon\$ communicat\$4)) and (calibrat\$3	US-PGPUB;	
		equaliz\$5)	EPO; JPO;	
			DERWENT	0007/10/10 15 45
-	418		USPAT;	2003/12/10 15:45
		\$4speaker and (telephon\$ communicat\$4)) and (calibrat\$3	US-PGPUB;	
		equaliz\$5)) and microphon\$3	EPO; JPO;	
	00	////avtamal nartable narinbard add an accessory) with	DERWENT USPAT;	2003/12/10 15:45
-	88	((((external portable peripheral add-on accessory) with \$4speaker and (telephon\$ communicat\$4)) and (calibrat\$3	US-PGPUB;	2003/12/10 13:43
		equaliz\$5)) and microphon\$3) and 381/\$.ccls.	EPO; JPO;	
		equalizability and inicropholiability and both accis.	DERWENT	
_	4	5771297.URPN.	USPAT	2003/12/10 15:50
_	3	5881103.URPN.	USPAT	2003/12/10 15:52
_	53	"eatwell, graham".in.	USPAT;	2003/12/11 12:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	9	("4153815"   "4473906"   "4610024"   "4631749"	USPAT	2003/12/11 12:00
		"4654871"   "4739513"   "4977600"   "5105377"		
		"5182774").PN.		
-	26		USPAT	2003/12/11 12:03